TOTAL REDUCED SULFUR EMISSIONS FROM STATIONARY SOURCES
EPA METHOD 16A

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
Were filter holders maintained at a temperature sufficient to prevent moisture condensation?	6.1.3				
Were filters Teflon with a 1 to 2 micron porosity	6.1.3				
Did the first two impingers contain citrate buffer and the third impinger nothing when scrubbing SO_2?	6.1.4				
Was the temperature regulator of the furnace capable of maintaining 800±100°C?	6.1.6				
Was the dry gas meter capable of measuring sample volume to an accuracy of ±2% when subjected to 2 L/min flow?	6.1.10				
Did the 10 mL burets have 0.05 mL graduations?	6.3				
Was the pH of the Citrate Buffer between 5.4 and 5.6?	7.1.2				
Were the concentrations of Hydrogen Sulfide gases verified to be 100ppmv or less?	7.1.4				
For the SO_2 scrubbers, were the sample trains composed of three impingers with citrate buffer in the first and second impingers, and the third impinger empty?	8.1.1				
For the method 6 part, were the samples trains composed of four impingers with 3% hydrogen peroxide in the first two impingers, the third impinger empty, and silica gel in the fourth tube?	8.1.2				
Were crushed ice and water placed around the impingers for method 6?	8.1.2				
Were citrate scrubbers conditioned by pulling stack gas through the Teflon impingers for about 2 minutes?	8.2				
Was sampling conducted at 2 Liters/minute ±10% for 1 or 3 hours?	8.3				
Notes/Comments:					

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Were post-collection leak checks conducted?	8.3				
Were system performance checks conducted after each 3-hour run or three 1-hour runs?	8.3				
Were system performance checks conducted by sampling a known concentration of H_2S for 30 minutes?	8.5.2				
Were recovery checks also performed in the field prior to replacing the SO_2 scrubber and particulate filter and before the probe was cleaned?	8.5.4				
Were recovery checks analyzed to be between 80% and 120% recovery?	8.5.4				
Were polyethylene bottles used for sample transport?	8.4				
Were sample aliquots combined with 100% Isopropanol and two to four drops of thorin indicator?	Method 6 11.2.2				
Were sample aliquots titrated to a pink endpoint with 0.0100N barium standard?	Method 6 11.2.2				
Where titration volumes average where more than one sample replicate was analyzed?	Method 6 11.2.2				
Were blanks analyzed with every series of samples?	Method 6 11.2.3				
Did replicate titrations agree within the greater of either 1% or 0.2 mL?	Method 6 11.2.3				
Was the 0.0100N barium standard solution protected from evaporation at all times?	Method 6 11.2.3				
Notes/Comments:					